

Substitute for Form PTO-1390 <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  ATTORNEY'S DOCKET NUMBER 032326-293 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/523840</b>
INTERNATIONAL APPLICATION NO. PCT/FR2003/002462	INTERNATIONAL FILING DATE 05 August 2003 (05.08.2003)	PRIORITY DATE CLAIMED 09 August 2002 (09.08.2002)
TITLE OF INVENTION  <b>UNIVERSAL CALCULATION METHOD APPLIED TO POINTS ON AN ELLIPTIC CURVE DEFINED BY A QUARTIC, AND ASSOCIATED CRYPTOGRAPHIC METHOD AND ELECTRONIC COMPONENT</b>		
APPLICANT(S) FOR DO/EO/US <b>BILLET, Olivier; and JOYE, Marc</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</li> <li><input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<p>Items 11 to 21 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A FIRST preliminary amendment.</li> <li><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: <u>General Authorization For Petitions For Extensions of Time and Payment of Fees; Application Data Sheet; and PCT/ISA/210.</u></li> </ol>		

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<p>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>Gemplus, La Ciotat Cedex, France</u></p> <hr/> <hr/> <hr/> <hr/>																																																																																														
<p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: left;">Basic Filing Fee (1631)</td> <td style="text-align: right;">\$ 300.00</td> </tr> <tr> <td colspan="3" style="text-align: left;">Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td style="width: 15%;">CLAIMS</td> <td style="width: 25%;">NUMBER FILED</td> <td style="width: 25%;">NUMBER EXTRA</td> <td style="width: 35%;">RATE</td> </tr> <tr> <td>Total Claims</td> <td>14</td> <td>-20 =</td> <td>\$ 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>- 3 =</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">Examination Fee</td> <td>\$ 200.00 (1633)</td> </tr> <tr> <td colspan="3">Search Fee</td> <td>\$ 500.00 (1632)</td> </tr> <tr> <td colspan="3">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$ 1,000.00</td> </tr> <tr> <td colspan="3" style="text-align: left;"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL =</td> <td style="text-align: right;">\$ 1,000.00</td> </tr> <tr> <td colspan="3" style="text-align: left;">Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td style="text-align: right;">\$ 1,000.00</td> </tr> <tr> <td colspan="3" style="text-align: left;">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Charge <u>\$ 1,000.00</u> to credit card. Form PTO-2038 is attached.</p> </td> </tr> <tr> <td colspan="4"> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> </td> </tr> <tr> <td colspan="4" style="text-align: left; padding-top: 20px;"> SEND ALL CORRESPONDENCE TO:    Burns, Doane, Swecker &amp; Mathis, L.L.P.  P.O. Box 1404  Alexandria, Virginia 22313-1404  (703) 836-6620 </td> </tr> <tr> <td colspan="4" style="text-align: right; padding-top: 10px;">   <b>SIGNATURE</b>  James A. LaBarre  <b>NAME</b> </td> </tr> <tr> <td colspan="2" style="text-align: right; padding-top: 10px;"> <b>28,632</b>  REGISTRATION NO. </td> <td colspan="2" style="text-align: right;"> <b>February 8, 2005</b>  DATE </td> </tr> </table>			Basic Filing Fee (1631)			\$ 300.00	Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).			\$ 0.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	14	-20 =	\$ 0.00	Independent Claims	1	- 3 =	\$ 0.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			\$ 0.00	Examination Fee			\$ 200.00 (1633)	Search Fee			\$ 500.00 (1632)	App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)			\$ 0.00	TOTAL OF ABOVE CALCULATIONS =			\$ 1,000.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Olivier Billet et al.

Group Art Unit:

Application No.:

Examiner:

Filing Date: February 8, 2005

Confirmation No.:

Title: UNIVERSAL CALCULATION METHOD APPLIED TO POINTS ON AN ELLIPTIC CURVE DEFINED BY  
A QUARTIC, AND ASSOCIATED CRYPTOGRAPHIC METHOD AND ELECTRONIC COMPONENTGENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER &amp; MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: February 8, 2005

By



James A. LaBarre  
Registration No. 28,632